

# Soc Virnyl Estela

Technical Writer and Software Developer | Rust, Go, Typescript, Javascript, Python

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## Technical Skills

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- **Programming Languages:** Bash (for shell scripting and automation), Python, Rust, Golang, Typescript/ Javascript (for web development with NodeJS and Deno), Julia (for data analyses), HTML/CSS, Typst (similar to LaTeX; used for writing personal documents such as this CV)
- **Web Development:** NodeJS, Deno, Yarn, React, Redux Toolkit, Preact, Hono, Oak, ExpressJS, ViteJS, NextJS
- **Tools:** Git, Github, Github Actions, Woodpecker CI, Trello, VSCode, Vim/Neovim, Kakoune (main code editor), Linux package managers (Zypper, Pacman, DNF, Apt), Distrobox (CLI frontend for podman and docker), Linux (Ubuntu, openSUSE, Fedora)

## Professional and Work Experience

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**Technical Content Developer** — TRIBE | 📍 Singapore | 📅 Mar 2024 - June 2025

- Boosted developer participation from **300 to 1000+** through tutorials on key technologies (**React**, **Node.js**, **Rust**, **Deno**).
  - ▶ [Rust Pathway](#): a series of **Rust** tutorials and campaigns
  - ▶ [Fuel Up Your API Development with Hono and Deno](#): a introductory tutorial for backend development and authentication using **Hono** and **Deno**.
  - ▶ [The Deno Learning Modules](#): A series of tutorials using **Deno** as the Javascript runtime for web development.
  - ▶ [Learn authentication and authorisation with ExpressJS](#).
  - ▶ [StackUp Forums](#): a microblogging project using blockchain to store posts and comments with **Solidity**, **React**, **viem**, **wagmi**, **foundry**, and **Typescript**.

**Science Instructor** — Misamis University | 📍 Philippines | 📅 Jul 2022 - Mar 2024

**Organization Admin/Member** — Waycrate | 📅 2022 - present

A small community of open-source enthusiasts and contributors.

- **Mentor Organization for Google Summer of Code:** [Google Summer of Code 2024](#) and [Google Summer of Code 2025](#)

**Member and Volunteer Packager** 🐧 openSUSE | 📅 2021 - present

- **Software Packager** of 100+ software for the openSUSE project: <https://build.opensuse.org/users/uncomfyhalomacro>.

**Core Developer/Maintainer** — OBS Service Cargo | 🌐 GitHub | 📅 2022 - present

- Automation tool for **Rust software packaging** written in **Rust** with **100% test coverage** to ensure consistent creation of tar archives of vendored dependencies. It uses [Roast](#) as the tar archiver logic.
- The **ONLY recommended** tool for <https://build.opensuse.org> to **automate packaging** of **Rust** software in openSUSE.

**Core Developer/Maintainer** — Bunny | 🌐 GitHub | 📅 2025

- **Won 1st place** with <https://github.com/uncomfyhalomacro/bunny> in the amateur category of [Boot.dev 2025 Hackathon](#). It is a **markdown parser library** and **static site generator** written in **Hare**, a systems programming language.
- Got a **positive** review from **Lane**, the *Boot.dev* founder—"I couldn't believe someone was ambitious enough to build in **Harelang**, and not only that, but to tackle one of the harder project ideas for such a short time window—a **static site generator**!".

**Core Developer/Maintainer** — Roast | 🌐 GitHub | 📅 2024 - present

- Archiving tool written in **Rust** using test-driven development.
- Achieved **70% increase in performance**, shortening the time to create highly compressed archive tarballs.
- Has **100% test coverage** to ensure consistent behaviour such as deterministic creation of tar archives.
- **Used internally** for [OBS Service Cargo](#) for the generation of vendored tarballs.

## Education

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**Programmer/Software Developer** @ Boot.dev | 📅 2020 - present

- **As professional development certification or course** in [Boot.dev](#) to learn **backend development** in **Go**.
  - ▶ Link to progress and certificates <https://www.boot.dev/u/uncomfyhalomacro>.

**BSc. in Biology (Microbiology)** @ Mindanao State University - Iligan Institute of Technology | 📅 2018 - 2022

Academic Distinction: *Cum Laude* **GPA 1.593**